

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	sector with read-in	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/05/25 11:04
L2	0	1 and (search adj depth)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/05/25 11:04
L3	0	1 and (intermediate adj result)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/05/25 11:04
L5	0	optimiz\$3 with sector with read-in	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/05/25 11:06
L6	21	optimiz\$3 with speed with read-in	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/05/25 11:06
L7	0	1 and (computation adj power)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/05/25 11:18
S9	1	"20090018997"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 13:03
S10	9986	(sector adj number)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 14:22
S11	52	S10 with sort\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 14:23
S12	40	S11 and (@lad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 14:24
S13	0	S10 with skip44	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 14:37

S14	231	S10 with skip\$4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 14:37
S15	196	S14 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 14:37
S16	2842	database with (optical adj (disk disc))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:18
S17	17	S10 and S16	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:19
S18	6	S17 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:19
S19	39	two adj pass\$5 adj search\$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:22
S20	30	S19 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:22
S21	432	(coarse adj search) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:31
S22	46	S21 and (optical adj (disk disc))	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:32
S23	26156	(error adj correction adj code)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:47
S24	4	S23 and (coarse adj search) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:47
S25	366	(continuous with read\$3 with sector) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:56
S26	12	S25 and database	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 15:56

S27	0	reduc\$4 with (head adj seek)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 16:03
S28	101	reduc\$4 with (head adj seek)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 16:03
S29	65	S28 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/04 16:03
S30	15	("4638424"   "4998030"   "5453779"   "5461415"   "5495339"   "5541919"   "5561456"   "5561825").PN. OR ("5828902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/04 16:38
S31	1	"6243723".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 11:11
S32	87	(reading-in read-in) with sector	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/05 13:33
S33	61	S32 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 13:33
S34	20	(second adj search adj phase) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:00
S35	667	(read\$3 with direction with sector) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:05
S36	15	S35 and database	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:05
S37	58	scan with (entir\$3 adj database)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:11
S38	44	S37 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:11
S39	4	"7219184"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:12

S40	4	(khanh and pham).xa. and prefix	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:14
S41	1	"5822284".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:24
S42	1	"6073095".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:25
S43	1	"5515475".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:25
S44	96	intermediat\$3 adj search adj result	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:57
S45	72	S44 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 14:57
S46	293	(fragment\$6 adj database) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:09
S47	63	((disc adj based) adj database) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:11
S48	1180	(single adj pass) and sector and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:20
S49	50	(single adj pass) and (disc adj sector) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:20
S50	3	(sort\$3 adj disk adj access) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:25
S51	3	(sort\$3 adj disc adj access) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:30
S52	50	(single adj pass) and (disk adj sector) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:32

S53	39	(disk adj thrashing) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 15:33
S54	11	(disk adj read adj speed) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:26
S55	37	(read-in adj speed) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:30
S56	18	((search\$3 adj speed) with (read adj speed)) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:34
S57	0	((search\$3 adj step) with (disk adj sector)) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:41
S58	22	((search\$3 ) with (disk adj sector)) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:42
S59	4	((single adj pass ) with (disk adj head)) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:45
S60	53	((sequential adj read ) with (sector)) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:46
S61	1	"20040139214"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/05 16:58
S62	1	(read adj head) with skip with direction	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/06 11:06
S63	2	"20040117037"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/06 12:14
S64	1	"20030217068"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/06 13:48
S65	101	"5649196"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/06 16:01

S66	1	"5649196".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/06 16:01
S67	1	"6415280".pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/01/06 16:04
S68	1	"20090018997"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2010/07/26 14:57
S69	88	(disk adj skip)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/01/12 11:30
S70	71	S69 and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/01/12 11:30
S71	117	(two adj step adj search\$3) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/01/12 11:38
S72	10	(continuous adj read-in) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/01/12 11:42
S73	144472	(consecutive adj disk adk sector) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/01/12 11:43
S74	23	(consecutive adj disk adj sector) and (@rlad<="20040106" @ad<="20040106")	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2011/01/12 11:43

**EAST Search History (Interference)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	44	sector with read-in	USPAT; UPAD	OR	ON	2011/05/25 11:04
L8	1429	"1" and (computation adj power)	USPAT; UPAD	OR	ON	2011/05/25 11:18
L9	0	(sector with read-in) and (computation adj power)	USPAT; UPAD	OR	ON	2011/05/25 11:19

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